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TITLE: Motor having an epicyclic gear

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ABSTRACT:

The invention relates to a motor, preferably an electric motor, having an epicyclic gear.

In the case of the previously proposed gear, the eccentric bush was firmly connected to the motor shaft on which considerable radial forces were in consequence exerted. When large forces were transmitted, the length of the free end of the motor shaft resulted in the risk of the gear wheels of the epicyclic gear becoming disengaged.

The object of the invention is to describe an epicyclic gear with a motor, in the case of which large forces can be transmitted via the gear.

The invention in principle comprises the eccentric bush (17) being mounted on the output drive shaft (15) and in consequence enabling a rigid separation

between the eccentric mounting and the inner tooth system (24) of
the output
drive gear wheel (12). <IMAGE>